

4.2.C. 05130203030.

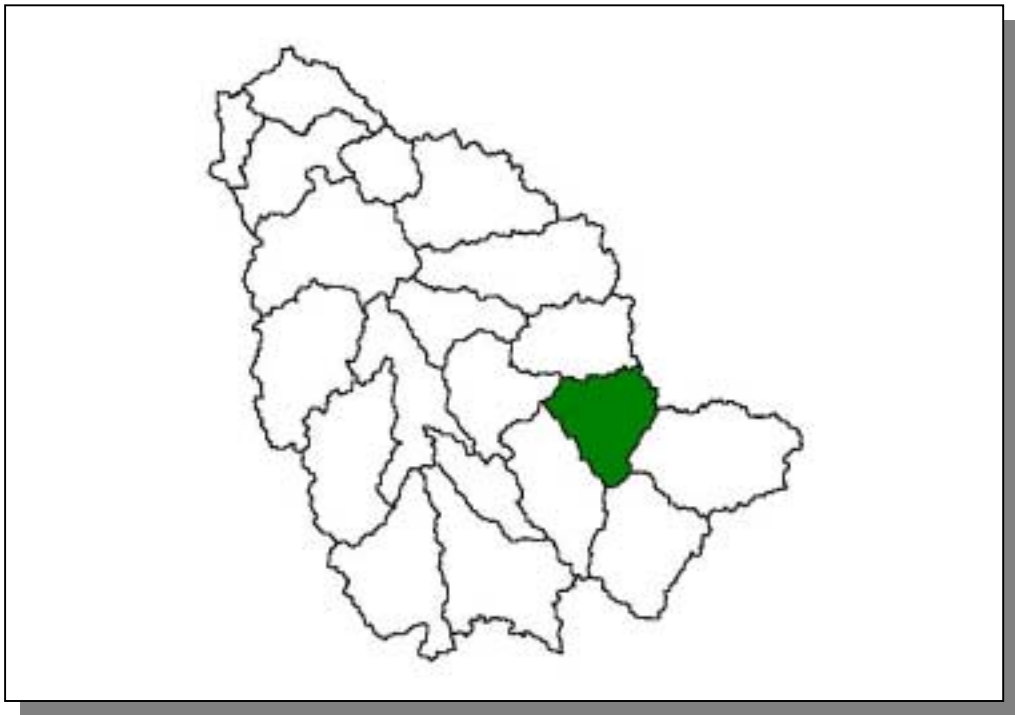


Figure 4-14. Location of Subwatershed 05130203030. All Stones HUC-14 subwatershed boundaries are shown for reference.

4.2.C.i. General Description.

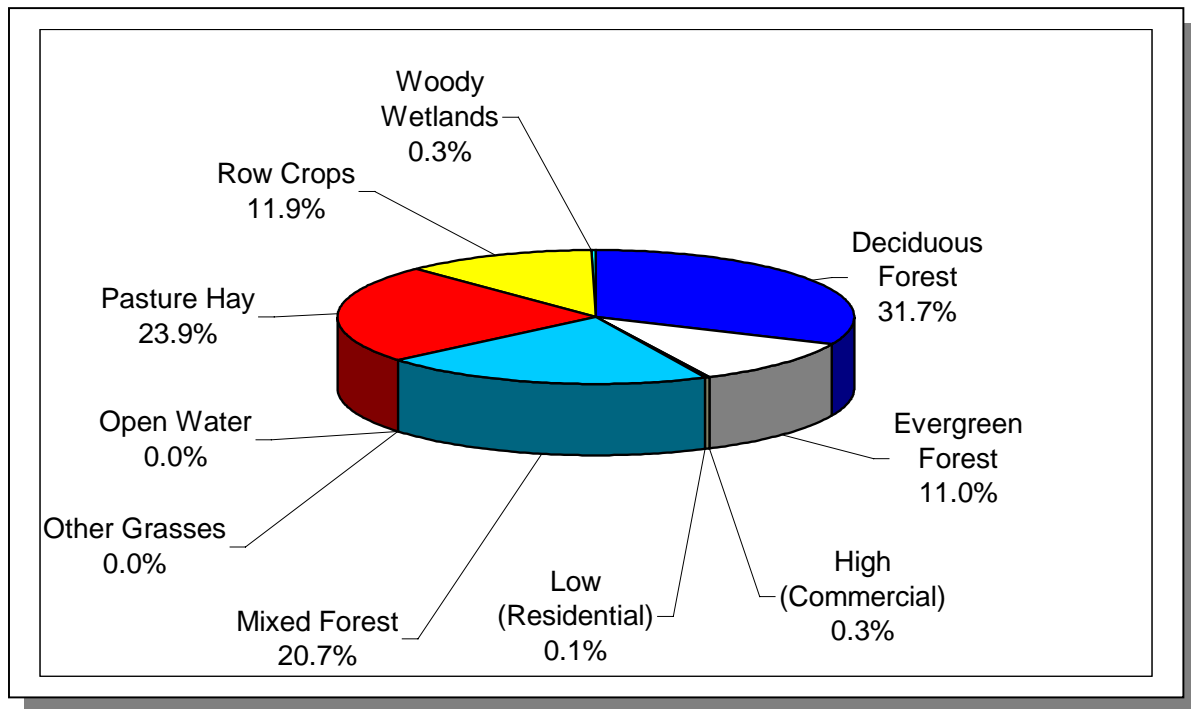


Figure 4-15. Land Use Distribution in Subwatershed 05130203030. More information is provided in Stones-Appendix IV.

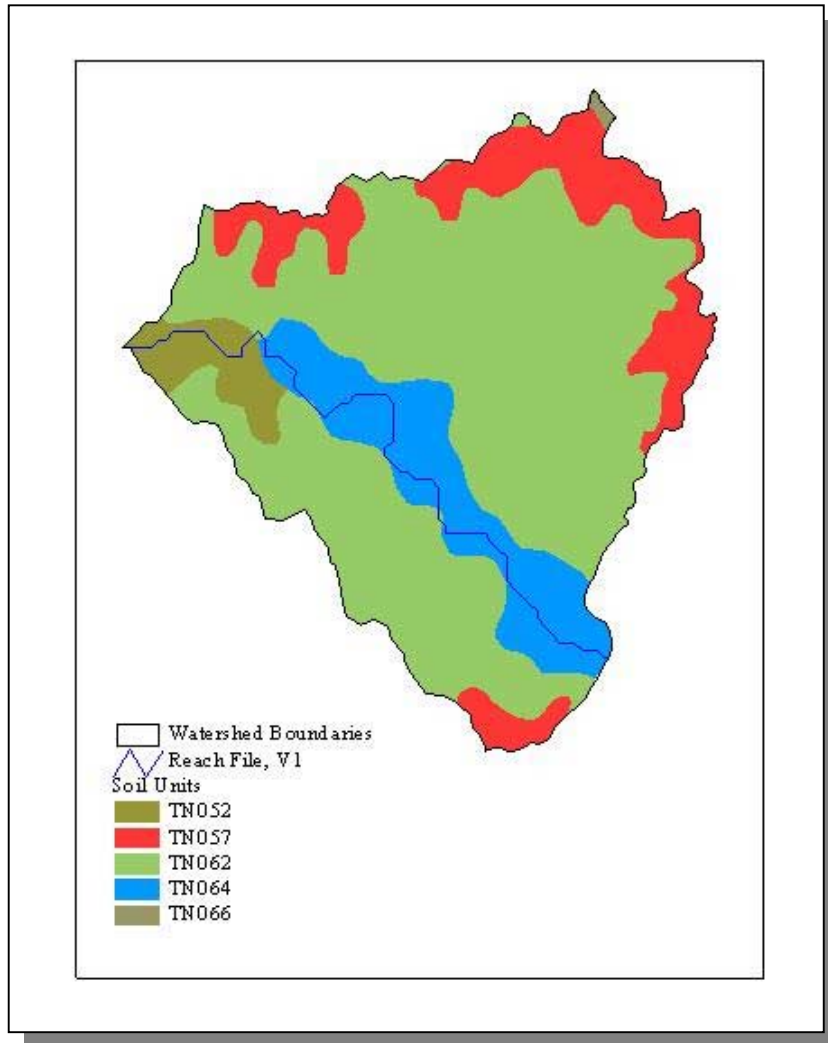


Figure 4-16. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 05130203030.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN052	0.00	B	1.23	5.46	Silty Loam	0.39
TN057	0.00	C	1.14	5.01	Clay Loam	0.33
TN062	0.00	C	0.98	4.40	Clay Loam	0.26
TN064	7.00	C	1.19	5.82	Silty Loam	0.37
TN066	0.00	B	2.62	4.75	Loam	0.28

Table 4-13. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 05130203030. More information is provided in Stones-Appendix IV.

	COUNTY POPULATION			ESTIMATED POPULATION IN WATERSHED		% CHANGE
County	1990	1997 Est.	Portion of Watershed (%)	1990	1997	
Cannon	10467	12011	4.36	456	524	14.9
Rutherford	118570	159987	4.59	5448	7351	34.9
Totals	129037	171998		5904	7875	33.4

Table 4-14. Population Estimates in Subwatershed 05130203030.

			NUMBER OF HOUSING UNITS			
Populated Place	County	Population	Total	Public Sewer	Septic Tank	Other
Nashville-Davidson Co.	Davidson	488,518	219,521	203,640	15,576	305
Pegram	Cheatham	1,371	535	20	510	5
Total		489,889	220,056	203,660	16,086	310

Table 4-15. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 05130203030.

4.2.C.ii. Point Source Contributions.

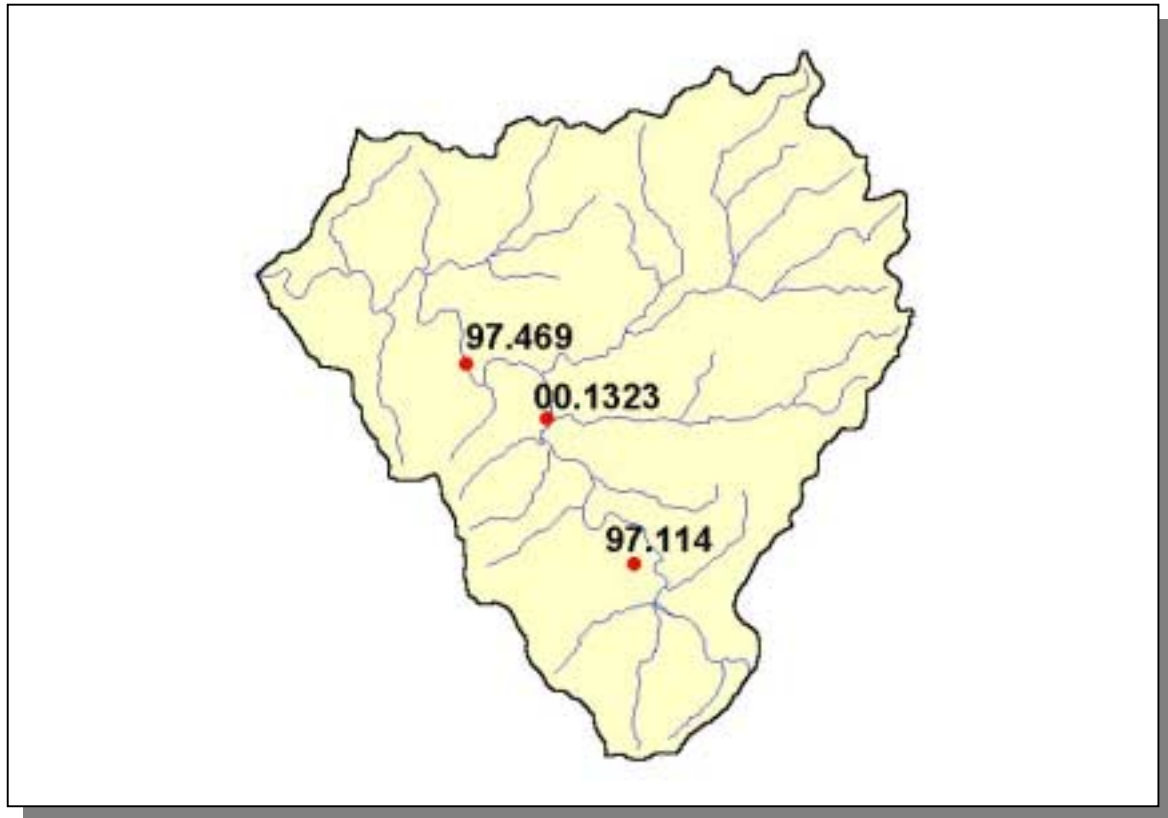


Figure 4-17. Location of ARAP Sites (Individual Permits) in Subwatershed 05130203030.
More information is provided in Stones-Appendix IV.

4.2.C.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)					
Beef Cow	Cattle	Milk Cow	Chickens	Hogs	Sheep
1,441	3,091	183	5	292	27

Table 4-16. Summary of Livestock Count Estimates in Subwatershed 05130203030.
According to the Census of Agriculture, "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Cheatham	118.2	118.2	2.3	8.4
Davidson	108.7	108.1	2.3	9.7
Williamson	142.0	142	1	3.3
Total	368.9	368.3	5.6	21.4

Table 4-17. Forest Acreage and Average Annual Removal Rates (1987-1994) in Subwatershed 05130203030.

CROPS	TONS/ACRE/YEAR
Soybeans (Row Crops)	9.50
Grass (Hayland)	0.14
Legume (Hayland)	0.84
Grass (Pastureland)	0.53
Grass, Forbs, Legumes (Mixed Pasture)	0.53
Forest Land (Grazed)	0.00
Forest Land (Not Grazed)	0.00
Farmsteads and Ranch Headquarters	0.31
Corn (Row Crops)	6.14
Other Cropland Not Planted	5.05
Legume Grass (Hayland)	0.18
All Other Close Grown Cropland	2.26
Tobacco (Row Crops)	6.75
Wheat (Close Grown Cropland)	1.27
Other Land in Farms	0.12
Conservation Reserve Program Land	0.12
Legume (Pastureland)	0.33

Table 4-18. Annual Estimated Total Soil Loss in Subwatershed 05130203030.